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(54) RECEIVER FOR SPREAD SPECTRUM SIGNAL

(57)Abstract:

PURPOSE: To provide a receiver for spread spectrum signal improved in the timing catching characteristic, timing following-up characteristic and data receiving characteristic.

CONSTITUTION: Correlative value intensity from digital data receivers 2a, 2b, 2c and 2d is respectively weighted by correlative value intensity from searcher receivers 1a, 1b, 1c and 1d, and the results are latched. When a synthetic timing signal is applied, the latched contents are added by an adder 509, and a Walsh function number for applying a maximum value is judged by a maximum value judge circuit 51. Then, the judged result is fed back to the digital data receivers 2a-2d and the searcher receivers 1a-1d. At the searcher receivers and digital data receivers, the correlative value corresponding to the fed-back Walsh function number is selected and used as the processing signal of timing catch and timing follow-up.

